

Form PTO-1390

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

P17856

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

09/319258

INTERNATIONAL APPLICATION NO.

PCT/JP97/04684

INTERNATIONAL FILING DATE

18 December 1997

PRIORITY DATE CLAIMED

19 December 1996

TITLE OF INVENTION

PRINTED CIRCUIT BOARDS AND METHOD OF PRODUCING THE SAME

APPLICANT(S) FOR DO/EO/US

Motoo ASAI, Yasuji HIRAMATSU, Yoshinori WAKIHARA and , Kazuhito YAMADA

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information.

1. ☒ This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(C)(2))
  - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☒ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ A Translation of the International Application into English (35 U.S.C. 371 (c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3))
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).  
"EXECUTED"
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (U.S.C. 371(c)(5)).
11. to 16. below concern other document(s) or information included:
  11. ☐ An information Disclosure Statement under 37 CFR 1.97 and 1.98.
  12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
  13. ☒ A FIRST preliminary amendment.  
☐ A SECOND or SUBSEQUENT preliminary amendment.
  14. ☐ A substitute specification.
  15. ☐ A change of power of attorney and/or address letter.
  16. ☒ Other items or information:
    - International Application as published in Japanese.
    - Amendment under Article 34.
    - PCT/RO/101 PCT Request (in Japanese).
    - PCT/IB/332.
    - PCT/IB/308.
    - PCT/IB/301.
    - Cover Letter Submitting Amended Pages of Application.
    - PCT/ISA/210.
    - PCT/IPEA/409 International Preliminary Examination Report (in Japanese).
    - Claim of Priority

U.S. APPLICATION NO. (If known, see 37 CFR 1.5).

INTERNATIONAL APPLICATION NO.

ATTORNEY'S DOCKET NUMBER

PCT/JP97/04684

P17804

17. ☒ The following fees are submitted:

CALCULATIONS

PTO USE ONLY

Basic National Fee (37 CFR 1.492(a)(1)-(5)):

Search report has been prepared by the EPO or JPO. . . . . \$ 840.00

International preliminary examination fee paid to USPTO (37 CFR 1.482). . . . . \$ 670.00

No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) . . . . . \$ 760.00

Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO. . . . . \$ 970.00

International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4). . . . . \$ 96.00

ENTER APPROPRIATE BASIC FEE AMOUNT =

\$ 840.00

Surcharge of \$130.00 for furnishing the oath or declaration later than \_\_\_ 20 \_\_\_ 30 months from the earliest claimed priority date (37 CFR 1.492(e)).

\$ 0.00

Claims

Number Filed

Number Extra

RATE

\$ 0.00

Total Claims

21 - 20 =

1

X \$18.00

\$ 18.00

Independent Claims

8 - 3 =

5

X \$78.00

\$ 390.00

Multiple dependent claim(s) (if applicable)

+ \$260.00

\$ 0.00

TOTAL OF ABOVE CALCULATIONS =

\$ 1,248.00

Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed. (Note 37 CFR 1.9, 1.27, 1.28)

\$ 0.00

SUBTOTAL =

1,248.00

Processing fee of \$130.00 for furnishing the English translation later than \_\_\_ 20 \_\_\_ 30 months from the earliest claimed priority date (37 CFR 1.492(f)).

+

0.00

Extension of Time fee in the amount of \$

+

0.00

TOTAL NATIONAL FEE =

1,248.00

Fee for recording the enclosed assignment (37 CFR 1.21(h). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property

+

40.00

TOTAL FEES ENCLOSED =

1,288.00

Amount to be refunded

\$

Charged

\$

a. ☒ A check in the amount of \$1,288.00 to cover the above fees is enclosed.

b. \_\_\_ Please charge my Deposit Account No. \_\_\_ in the amount of \$ \_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-0089. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Bruce H. Bernstein  
GREENBLUM & BERNSTEIN, P.L.C.  
1941 Roland Clarke Place  
Reston, VA 20191  
(703) 716-1191

SIGNATURE

Bruce H. Bernstein  
NAME

29,027

REGISTRATION NUMBER

P17856

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

510 Rec'd PCT/PTO 11 JUN 1999 9/5/99

Applicant : M. ASAI

Serial No. : Not Yet Assigned

Filed : Concurrently Herewith

For : PRINTED CIRCUIT BOARDS AND METHOD OF PRODUCING THE SAME

**CLAIM OF PRIORITY**

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

Applicant hereby claims the right of priority granted pursuant to 35 U.S.C. 119 based upon Japanese Application Nos. 8-354971 Filed 19 December 1996; 8-357959 Filed 27 December 1996; 8-357801 Filed 28 December 1996; 9-29587 Filed 28 January 1997; 9-197526 filed 23 July 1997 and 9-197527 Filed 23 July 1997. The International Bureau already should have sent certified copies of the Japanese applications to the United States designated office. If the certified copies have not arrived, please contact the undersigned.

Respectfully submitted,  
M. ASAI et al.

*Bruce H. Bernstein* Reg. No. 33,329  
Bruce H. Bernstein  
Reg. No. 29,027

June 10, 1999  
GREENBLUM & BERNSTEIN, P.L.C.  
1941 Roland Clarke Place  
Reston, VA 20191  
(703) 716-1191



09/319258

510 Rec'd PCT/PTO 11 JUN 1999

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re International Application of  
ASAI Motoo et al.  
International Serial No. : PCT/JP97/04684  
International filing date: December 18, 1997  
For: "PRINTED CIRCUIT BOARDS AND METHOD OF PRODUCING THE SAME"

VERIFICATION OF TRANSLATION

Honorable Commissioner of Patents and Trademarks in Washington,  
D.C. 20231

Sir:

Junzo OGAWA

5F Kobikikan Ginza Building  
8-9, 2-chome, Ginza, Chuo-ku,  
Tokyo 104-0061 JAPAN

declares:

- (1) that I know well both the Japanese and English languages;
- (2) that I have translated the above-identified International Application from Japanese to English;
- (3) that the attached English translation is a true and correct translation of the above-identified International Application and amendments thereto to the best of my knowledge and belief; and
- (4) that all statements made of my own knowledge are true and that all statements made of information and belief are believed to be true, and further that these statements are made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18, USC 1001, and that such false statement may jeopardize the validity of the application or any patent issuing thereon.

June 4, 1999

  
Junzo OGAWA